

CLAIMS

Sub A1

1. A polymeric foam material
characterized in that
said polymeric foam material comprises a polyolefinic homopolymer having an
isotacticity of less than 60% of [mmmm] pentad concentration.
2. A polymeric foam material according to Claim 1
wherein
the homopolymer has a mean molecular weight Mw of at least 100000 g/mol.
3. A polymeric foam material according to Claim 1
wherein
said polymeric foam material is stretchable.
4. A polymeric foam material according to Claim 2 wherein said foam material is
elastically expandable.
5. An foam material of the present invention according to any of Claims 1
through Claim 3
wherein said foam material is oil absorbent.
6. A foam material of the present invention according to any of Claims 1 through
Claim 3
wherein
said foam material is water absorbent.
7. A polymeric foam material according to any of the preceding claims
wherein

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said polyolefinic polymer is polypropylene.

8. An article comprising the foam material according to any of the preceding claims wherein said article comprises said foam material as a construction element.

sub b3

9. A method for manufacturing a polymeric foam material comprising a step of processing a polymeric material, said step of processing selected from the group of inert gas expansion, evaporated solvent expansion, reactive reagent gas expansion, high internal phase emulsion, bead expansion, and combinations thereof characterized in that said polymeric material comprises a polyolefinic homopolymer having a an isotacticity of less than 60% of [mmmm] pentad concentration.